Site:	Genuine 00 North Olin, In 21256	ndianapolis, IN 41E				Sample I.D. # Sample Time	MW-10- MW-10- 13:30	IR	
Well/Purging Inform Purging method: Sampling method Tubing material Screen Length Top of well screen; Pump intake set at Casing radius Well material	ation:	Low-Flow ft. ft. below measuring point. SS / Galv. Steel		2) E 3) L 4) V 11 (0		(2) 1 - #2 = (3) (4) and 0.0408 for 1" II ng approach only 1 (5)	(2) 15.63 (ft) (#2 = (3) (ft) (0.0408 for 1" ID wells. g approach only) (5) (gal)		
Bladder Pump Contr	oller Settings (if	used):	Recharge time			sec)	Pressure Cycles per minute		psi)
Time 12:45 12:50 12:55 13:00 13:10 13:15 13:20	Depth to Water (ft) 15: 15. 15. 15. 15. 15. 15. 15. 15. 15. 15.	Volume Pumped ()	Pumping Rate ml_min 200 200 200 200 200 200 200 2	pH v.98 v.93 v.90 v.89 v.89 v.89 v.89 v.89	0.762 0.763 0.763 0.764 0.764 0.764 0.764	Turbidity (NTU) - 16-0 10.5 8.3 7.2 4.1 2.8 2.7 2.8	Temp (°C)	DO (mg/L) - 3.17 2.47 2.24 2.17 2.04 2.01 2.01	ORP (mV) - 185 178 174 170 167 167 163
Sample Para	meter	Sample Vo	olume		ttle Type	Number	of Bottles	Preserva	tion/Prep
Comments/Observate Rugge STAR	ng: <u>v</u>	Vell purge flow rate o		0.5L/min or					
12:55	15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65 15.65	ponditions:	200 200 200 200 200 200 200 200 400 0f approximately et drawdown (>0.	6.93 6.90 6.89 6.89 6.89 6.89 6.89 6.89	0.762 0.763 0.764 0.764 0.764 0.764 0.764 0.764	Number 2 - 8 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	17.79 17.82 17.81 17.82 17.85 17.85	2.47 2.24 2.17 2.04 2.01 2.01 2.00 Preserva	178 174 167 167 162 tion/Prep

Job #:	Genuin 700 North Olin, 21256	Indianapolis, IN 641E				Well # Sample I.D. # Sample Time Sample Date	MW-141	6 2	
Personnel Present Chris Perguson, El		L. MERCER	,						
Well/Purging Informal Purging methor Sampling methor Tubing matering Screen Leng Top of well screen Pump intake set Casing radii Well matering Well material Purging Method Purging Pump Purging Pump Pump Pump Pump Pump Pump Pump Pump	od: od: tial: tith: 10 n; 15 at: 18	Low-Flow ftft. below measuring pft. below measuring pinSS / Galv. Steel		1) Well depth (from top of measuring point) 2) Depth to water prior to purging 3) Length of water column in well: #1 - #2 = (3) 4) Volume of water standing in well 4) multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) 5) Number of purge volumes required 6) Maximum volume to be purged: #4 x #5 = (6)					(ft) (ft) (ft) (gal)
Bladder Pump Cor	ntroller Settings (if used):	Recharge time			(sec)	Pressure Cycles per minute		(psi)
Time 40: 17:05 17:10 17:15 17:20	Depth to Water (ft) .O.2 10.02 10.02	Volume Pumped ()	Pumping Rate (ML Mi N 2.00 2.00 2.00 2.00	pH - 7.76 7.64 7.62	Conductance (MS/LM) 	Turbidity (NTU) - 1.8 0.7	Temp (°C)	DO (mg/L) - 0.62 0.08	ORP (mV) - 148 151
17:25 17:30 17:35	10.02		200 200 200	7.61 7.61 7.60	0.824 0.825 0.826	0.0	16.00 15.89 15.83	0.00	153 153 152
Sample Pa	ırameter	Sample V	olume		ottle Type	Numbe	r of Bottles	Preserva HC	ation/Prep
Comments/Observ		Conditions:	LOUDY, RA		5°F				
	ents every 3 to	Well purge flow rate of minutes. If excessivuctivity, ±10% tempe	e drawdown (>0.	5 ft.), reduc	ce purge rate (0.2	2 L/min). Stab	ilization with th	ree successiv	

Site:	Genuin	e Parts				Well #	MW-148	R	
Location: 7	00 North Olin,	Indianapolis, IN					MW-148		
Job #:	21250	641E				-	15:10		
						Sample Date	10/1/12		
Personnel Present D	Durina Samplina	r·							
Chris Ferguson, EN		MERCER							
	,								
Well/Purging Inform									
Purging method Sampling method		Low-Flow	_		Vell depth (from t) <u> .61</u>	-(ft)
Tubing materia		Low-Plow	_		epth to water pri- ength of water co) ///-0 /	$-\frac{(ft)}{(ft)}$
Screen Length		ft.	_		olume of water s		(4		(gal)
Top of well screen		ft. below measuring p	oint			_	nd 0.0408 for 1" II	·	_ ~ ,
Pump intake set a		ft. below measuring p	oint				ng approach onl	y)	
Casing radius		in.		•	lumber of purge v	•	*		_
Well materia	ol: P (V) C / #316 Other:	SS / Galv. Steel		6) N	laximum volume	to be purged: #4	$4 \times #5 = (6$)	_(gal)
	Oulei.								
Bladder Pump Cont	roller Settings (if used):	Recharge time	e: 1 0		(sec)	Pressure	: /9 (psi)
			Discharge time	e: <u> </u>	5((sec)	Cycles per minute		
Stabilization:	•								
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped (L)	Rate (ml Min)	рН	(MS/LM	(NTU)	Temp (°C)	(mg/L)	(mV)
14:25	11.62		200	P		_			
					12.				. 22
14:35	11.52		200	7.56	1.26	<u>8.0</u>	17.17	1.57	138
<u> 14:40</u>	11.52		200	7.53	1.23	5.1	17.19	1.35	139
14:45	11.52		200	7.50	1.22	4.1	17.21	1.32	140
14:50	11.52		200	7.49	1.22	3.2	17.22	1.29	140
14:55	11.52		200	7.47	1.22	2.1	17.21	1.19	140
15:00									
	11.52		200	7.47	1.22	2.1	17.17	1.19	140
15:05	11.52		200	7.47	1-22	2.1	17.16	1.18	139
Sample Para	ameter	Sample Ve	olume	Bot	tle Type	Number	of Bottles	Preserva	tion/Prep
YOU		120mL			MLVIAL	3		HCL	
100		120140	<u> </u>		WC TIPIC				
-							 -		
								-	
		-							
Comments/Observation	tions/Weather (Conditions:	LOUDY 16	5 °E					
Purge STA		Conditions. 1	LUUCI V	<u>, </u>					
7 0,000		. U							
									<u>-</u>
Low Flow Sampli		Well purge flow rate of minutes. If excessive							
		uctivity, ±10% temper							· · · · · · · · · · · · · · · · · · ·
readings of ± 0.1	p., _0 /0 conu	acavity, ±10/0 temper	anure, turviuity,	unu DO. DI	sconnect III-IIIIt	water quarity	mener prior to se	արաց.	

Site:	Genuin	e Parts				Well #	MW-15	N) 07)		
Location:	700 North Olin,	Indianapolis, IN		Sample I.D. #: WW- \50							
Job #:	21250	641E				Sample Time	08:55				
						Sample Date	10/2/12				
Darconnal Dracar	nt During Sampling	**									
Chris Ferguson,		4. MERCER									
Well/Purging Int	formation:										
Purging met			_	1) V	Well depth (from t	op of measuring	g point) (1))	_(ft)		
Sampling met		Low-Flow	_		Depth to water pri	1 0 0		<u> 13.32</u>	(ft)		
Tubing mate			_		Length of water co				_ (ft)		
Screen Le		ft	• ,	4) Volume of water standing in well (4) (gal) multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells.							
Top of well scre Pump intake s		ft. below measuring p ft. below measuring p		multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only)							
Casing ra		in.	omt	5) Number of purge volumes required (5)							
	erial: P / #316				Maximum volume	-	•)	(gal)		
	Other:			-, -			(-	′ 	_ (8)		
Bladder Pump C	Controller Settings (if used):	Recharge time	»: 1 0		(sec)	Pressure	· 11- (psi)		
Bladder Tump C	ontroner Settings (ir used).	Discharge time		_		Cycles per minute		par		
							•				
Stabilization:											
	5		.					20	0.00		
Timo	Depth to	Volume Pumped ()	Pumping Rate (mL) win	nU.	Conductance	Turbidity	Town (°C)	DO (ma/L)	ORP		
Time	Water (ft)	Pumped ()		pН	(myster)	(NTU)	Temp (°C)	(mg/L)	(mV)		
00:05	13.34		150								
08:10	13.34		150	<u>6.52</u>	0.891	10.4	1690	0.15	220		
08:15	13.34		150	6.71	<u>0.879</u>	9.5	17.19	0.00	196		
08:20	13.34		150	6.76	0.876	7.7	17.32	0.00	181		
08:25	13.34		_150	6.79	0.875	6.2	17.37	0.00	170		
09:30	13734		150	6.80	0.873	4.4	17.43	0.00	161		
09:35	13.34		150	6.81	0.872	0.4	17.44	0.00	155		
08:40	13.34		150	6.81	0.872	0.2	17.43	0.00	151		
08:45	13.34	***************************************	150	6.82	0.871	0.2	17 42	0,00	148		
20.0					0.872		17.12				
06:50	13.34		150	<u>6.82</u>	0.012	0.2	d4.F1	0.00	145		
Sample	Parameter	Sample V	olume of the second	Во	ottle Type	Numbe	r of Bottles	Preserva	tion/Prep		
VOL	,	120 mL	_	m 04	IL VIAL	2	3	HCI			
			•								
						-					
Comments/Obse	rvations/Weather (Conditions:	LOUDY, W	ST RAI	N, ~ 55	, o C					
Purge st	art-07:55			•							
Low Flow Sam	npling:	Well purge flow rate	of approximately	0.5L/min or	r less. Collect is	n-line water qu	ality measureme	nts and depth	to		
water measurer	ments every 3 to	5 minutes. If excessiv	ve drawdown (>0.	5 ft.), reduc	e purge rate (0.2	2 L/min). Stab	ilization with th	ee successive			
readings of ± 0	0.1 pH, ±3% cond	luctivity, ±10% tempe	rature, turbidity, a	and DO. D	isconnect in-line	water quality	meter prior to sa	mpling.			

Personnel Pirsent During Sampling: 20-30		Genuino 700 North Olin, 1	Indianapolis, IN				Well #	IMW-15	(cer	Her)
Personnel Personnel During Sampling Check Sergeon, INVIRON G. MERCER	Job #:	21256	041E							
Need Private Information:							Sample Bate	· 10/2/12		
Well-Pursing Information: Prurging methods: Low-How Low-How Low-How Tabung material: Low-How 20 Depth to water prior to pursing 20 27.5 (ft)	•									
New Comments Content of the Conten	Chris Ferguson, EN	IVIRON (. MERCER							
Sample Parameter Low-Flow L	Well/Purging Inform	mation:								
Tubig material: Seven Length: St. It. below measuring point Seven Length: St. It. below measuring point Seven Length: St. It. below measuring point Seven Length: St.				_				•		- ' '
Second Length: S. ft. The below measuring point Casing radius:			Low-Flow	<u>-</u>	· · · · · · · · · · · · · · · · · · ·		1 0 0	` '		- ` '
Top of well screen:	_		ft.	-		-			-	_ ` '
Casing radius: Z in. So Number of purges volumes required (S) (gal)			ft. below measuring po	oint			-			_ `` ′
Well material: No.	•		_	oint						
Depth to Volume Pumping Race Market							•			- (col)
Discharge time S (sec) Cycles per minute Y	Wen materia	-	337 Gaiv. Sicci		0) 1	iaximum voiume	to be purged. #	+ X #J — (0)	·	- (gai)
Discharge time S (sec) Cycles per minute Y	Rladder Pump Cont	roller Settings (i	fused)	Recharge time	. 10		(sec)	Pressure	. 1	nci)
Depth to Volume Pumpigs Rate (Int.) pH (Int.) Temp (°C) (mg/L) (mV) OR H5	<u> </u>	oner settings (_					`	p51)
Depth to Volume Pumpigs Rate (Int.) pH (Int.) Temp (°C) (mg/L) (mV) OR H5										
Name Name Pumped Name Nam	Stabilization:									
Name Name Pumped Name Nam		Depth to	Volume	Pumping		Condugtance	Turbidity		DO	ORP
D9:50	Time	Water (ft)	Pumped (<u>L</u>)	Rate (ML min)	pН	71	(NTU)	Temp (°C)	(mg/L)	(mV)
150 150	09:45	14.18		150	_	-	_	_	-	-
150 150	09:50	14.18			4.86	0.728	3.2	15.23	3.09	171
10:05										
10:10			·							
D:15 I4-18 150 0.80 0.720 0.7 15.03 2.26 162 10:20 14.18 150 0.80 0.719 0.7 15.00 2.25 160 10:25 14.18 150 0.80 0.719 0.7 15.00 2.23 160 16:25 14.18 150 0.80 0.719 0.7 15.00 2.23 160 16:25 14.18 150 0.80 0.719 0.7 15.00 2.23 160										
150 150					<u>6.80</u>		0.5	15.03	2.27	
Sample Parameter VOC Sample Volume 120 mL Sample Type Number of Bottles Preservation/Prep HCL Comments/Observations/Weather Conditions: Sample Volume 120 mL Sample Volume 120 mL Sample Volume 130 mL Sample Volu	10:15	14.18			0.80		<u> </u>	15.03	2.26	162
Sample Parameter Sample Volume 120 mL 140 mL mal Sample Poservation/Prep HCL Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Conditions/Weather Conditions/Weather Conditions/Weather Conditions/Weather Conditions/Weather Conditions/We	10:20	14.18		150	6.81	0.719	0.7	15.00	2.25	160
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Con	10:25	14.18		150	6.80	0.719	F.0_	15.00	2.23	160
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Con										
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Con										
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Con										
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Con										
Comments/Observations/Weather Conditions: CLOUP, MIST -57°F WEIL COSING IS CRACKED Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	•	ameter		olume				of Bottles	Preserva	tion/Prep
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	YEC		120 ML		40 m	al vial	3		HC'	<u> </u>
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive										
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive										
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive										
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive							-	· · · · · · · · · · · · · · · · · · ·		
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive										
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	Comments/Observa	tions/Weather C	Conditions:	LOUDY MI	51	57°F	WELL	COSING	15 CR	ACKED
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	YURGE STAR	<u> 7 09:40</u>					40 0	kando k		
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	•						•	J .		
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	-	- · · · · · · · · · · · · · · · · · · ·								

Site: Location: Job #:	Genuin 700 North Olin, 21256	Indianapolis, IN				Well # Sample I.D. # Sample Time	MW-15		52- ms[n
-						Sample Date			
Personnel Present Chris Ferguson, El		a. Mercer							
Well/Purging Infor Purging metho Sampling metho Tubing materi Screen Leng Top of well screen Pump intake set Casing radio	mation: d: od: al: th: 15 n; 15	ft. ft. below measuring po ft. below measuring po in. SS / Galv. Steel		2) E 3) L 4) V 1 (0 5) N		or to purging lumn in well: #1 anding in well 632 for 2" ID an I volume purgi olumes required	(2 -#2 = (3 (4 ad 0.0408 for 1" II ng approach only 1 (5	13.96)))) wells.	(ft) (ft) (ft) (gal)
Bladder Pump Con	ntroller Settings (if used):	Recharge time		······································	sec)	Pressure Cycles per minute		psi)
Stabilization:									
Time 15:40	Depth to Water (ft) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Volume Pumped ()	Pumping Rate (ML w.) 2 00 2.00	рН — 7.82	Conductance (ms/cm)	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
15:50 15:55	13.98	Herbit sale in .	200	7.81	0.562 0.557	<u>31.6</u> _/9,0	19.60	0.65	129
16:00	13.98	(11.41)	200	7.81	0.553	9.9	19.66	0.51	125
16:05	13.98		200	7,82	0.551	7.2	19.74	0.53	121
١١٥:١٥	13.98		200	7.83	0.551	6.4	19.79	0.58	126
10:15	13,98		200	7.84	0.551	4.0	19.82	0.51	120
16:20	13.98		200	7.84	0.551	3.9	19.86	0.51	120
10:25	13.98		200	7.83	0.550	4.0	19.88	0.50	120
Sample Pa		Sample Vo			itle Type		of Bottles	Preserva	ation/Prep
				40mL	VIAC				<u>بد</u>
Comments/Observ		0	LLECT W	AIN, ~					
Low Flow Samp		Well purge flow rate of							
		minutes. If excessive uctivity, ±10% temper							<u> </u>

Site: Location:	Genuin 700 North Olin,					Well #	MW-15	3				
Job #:	21250					Sample Time	13:25					
						Sample Date	: <u> 0 1 12</u>	-				
	nt During Sampling											
Chris Ferguson,	ENVIRON 6	. MERCER										
Well/Purging In: Purging met				1) W	ell depth (from t	on of measuring	r point) (1)	(ft)			
Sampling me		Low-Flow	- -		epth to water pri			/2.44	(ft)			
Tubing mat			- -		ength of water co)	(ft)			
Screen Le		ft. ft. below measuring p	oint		olume of water s		4) ad 0 0408 for 1" II		— ^(gal)			
Pump intake s		ft. below measuring p										
Casing ra	idius: 2	in.			umber of purge v)				
Well mat	erial: P © / #316	SS / Galv. Steel		6) M	Iaximum volume	to be purged: #-	$4 \times #5 = (6$)	_(gal)			
	Other:											
Bladder Pump C	Controller Settings (if used):	Recharge time			(sec)	Pressure Cycles per minute		(psi)			
			Discharge time	: <u> </u>	((sec)	Cycles per minute	# <u>7</u>				
Stabilization:												
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP			
Time	Water (ft)	Pumped ()	Rate (MLMin	рН	(MS/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)			
12:40	12.46		200	7.50								
12:45	12.46		200	7.50	1.93	4.3	16.62	0.00	81			
12:50	12.46		200	7.47	1.89	3.3	16.57	0.∞	61			
12:55	12.46		200	7.46	1.84	3.0	16.54	0.00	51			
13:00	12.46		200	7.47	1,81	2.6	16.54	0.00	47			
13:05	12.46		200	7.46	1.79	2.6	14:52	0.00	43			
13:10	12.46	Posterior Marine Inches	200	7.45	1.77	2.5	16.50	0.00	40			
13:15	12.46	`.	200	7.45	1.75	2.5	16.49	0.00	36			
13:20	12.46	•	200	7.46	1.74	2.5	16.48	0.00	33			
		NATIONAL TRANSPORTATION OF THE PROPERTY OF THE		1.10				0.00				
Sample	Parameter	Sample V	olume -	Bot	tle Type	Numbe	r of Bottles	Preserva	ation/Prep			
VOC		120ml			_ VIAL	2		HCL				
				<u> 70 m</u>	_ 01 10							
				-		-		· · · · · · · · · · · · · · · · · · ·				
Comments/Obse	ervations/Weather (Conditions:	CLOUDY ~	00°F								
PURGE STI	ART 12:34	. <u>-</u>										
•												
Low Flow San		Well purge flow rate of										
		5 minutes. If excessive fuctivity, ±10% temperatures.							e			

Site: Location: Job #: Personnel Present Chris Forguson, E Well/Purging Info Purging metho Sampling metho Tubing mater Screen Leng Top of well scree	rmation: d: LIW-F od: ial: th: 15	Indianapolis, IN 541E . MERCER LOW BLAODER RU Low-Flow ft.	- - -	2) II 3) II 4) V	Depth to water pr ength of water colume of water	Sample I.D. # Sample Time Sample Date top of measuring ior to purging olumn in well: # standing in well	g point) (1) (2) (4)) /3.91	(ft) (ft) (ft) (gal)
Pump intake set Casing radi Well mater	at: 17 us: 2	ft. below measuring poft. below measuring poin. SS / Galv. Steel		(5) N	Required for wo			y) 	_(gal)
Bladder Pump Con	ntroller Settings (if used):	Recharge time		<u> </u>	(sec)	Pressure Cycles per minute		psi)
Stabilization: Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate (_ML)	pH	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
11:35	13.92		200	7.55	1.29	4.0	16.73	0.00	143
11:40	13.92		200	7.68	1.28	3.2	16.68	0,00	133
11:45	13.92		200	7.79	1.27	2.9	16.61	0.00	119
11:50	13.92	-	200	7.84	1.26	2.9	16.58	0.00	111
11:55	13.92		200	7.85	1.26	3.0	16.57	6.00	106
<u> 12:00</u>	<u> 13.92</u> 		200	<u>7.83</u>	1.26	3.0	16.60	0.00	101
Sample Pa	rameter	Sample Vo		Bo	ttle Type	Number	r of Bottles	Preserva HC	tion/Prep
	ling:	Well purge flow rate of minutes. If excessive uctivity, ±10% temper	of approximately e drawdown (>0.	5 ft.), reduc	e purge rate (0.	2 L/min). Stab	ilization with the	ee successive	

Site: Location: Job #:	Genuin 700 North Olin, 2125	Indianapolis, IN							
Personnel Present Chris Ferguson, El	During Sampling NVIRON	G. MERCE	R						
Well/Purging Information Purging methor Sampling methor Tubing material Screen Leng Top of well screet Pump intake set Casing radii Well material	rmation: od: od: ial: gth: 5 at: 16.5	ftft. below measuring pft. below measuring pinss/_Galv. Steel	- - - oint	2) II 3) L 4) V ((5) N		or to purging blumn in well: #: tanding in well 632 for 2" ID ar to volume purgicall volumes required	(2) 1 - #2 = (3) (4) and 0.0408 for 1" II ng approach only 1 (5)	/2.41)))) wells.	(ft) (ft) (ft) (gal)
Bladder Pump Con	ntroller Settings (if used):	Recharge time Discharge time			(sec)	Pressure Cycles per minute	 `	psi)
Time 11:00 11:05 11:15 11:20 11:25 11:35	Depth to Water (ft) 2# 12.41 12.41 12.41 12.41 12.41	Volume Pumped ()	Pumping Rate (ML Min) 150 150 150 150 150 150	7.03 7.02 7.03 7.02 7.01 7.02 7.01	0.643 0.612 0.582 0.562 0.559 0.559	Turbidity (NTU)	Temp (°C)	DO (mg/L) - 0.00 0.00 0.10 0.34 0.34 0.34	ORP (mV) - 158 149 141 135 123 127
Sample Pa	arameter	Sample Vo			ttle Type	Number	of Bottles	Preserva	ation/Prep
Comments/Observ	110:55		LOUDY, LIC					nto and desire	
	ents every 3 to	Well purge flow rate of 5 minutes. If excessive fluctivity, ±10% temper	e drawdown (>0.	5 ft.), reduc	e purge rate (0.2	2 L/min). Stab	ilization with thr	ee successive	

Site:	Genuin	e Parts				Well :	#: MW-1	6.1	
Location: 70		Indianapolis, IN					#: MW-161	MW- 1	61-10u
Job #:	21250	641E				Sample Time Sample Date		,	
						Sample Dav	<u>10 5 [</u>		
Personnel Present D		G. MERCER							
Chris Ferguson, EN	VIRON	G. MEKLER							
Well/Purging Inform									
Purging method:		Low-Flow	_		Vell depth (from to	-			$-\frac{(ft)}{(ft)}$
Sampling method Tubing material		LOW-FIOW	-		Depth to water price ength of water co			5.61	$-\frac{(ft)}{(ft)}$
Screen Length		ft.	_		olume of water st		(4)		(gal)
Top of well screen;		ft. below measuring p					nd 0.0408 for 1" II		_
Pump intake set at		ft. below measuring p	point	,	-		ing approach only		
Casing radius		in. SS / Galv. Steel			Number of purge v Maximum volume	-			— (gal)
wen material	Other:	337 Gaiv. Steel		0) 1	viaximum voiume	to be purged.	-4 X π3 = (0 ₁	,	(gai)
					,				
Bladder Pump Contr	oller Settings (if used):	Recharge time Discharge time			sec)	Cycles per minute	:	(psı)
			Discharge time	•		sec)	Cycles per illilitie		
Stabilization:									
-		** •	.			m 1:1:		D O	OPP
Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate (MUMIN)	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
16:35	5.61	rumped (<u> </u>	, , , , ,	pii	(<u>m.z.v</u>)	(N10) _	remp (c)	(mg/L)	(MV) -
16:40			200	70	0.040		18.67	2 60	101
	5.61		200	706	0.848	1.1		268	
16:45	5.61		200	<u>7.03</u>	0.057	0.0	17.82	2.43	110
16:50	5.61		200	7.02	0.861	0.0	17.64	2.24	119
16:55	5.61		200	<u> 10.F</u>	<u>0.863</u>	0.0	17.56	2.22	124
17:00	5.61		_200_	10.F	0.865	0.0	17.46	2.22	129
17:05	5.61		200	7.01	0.866	0.0	17.40	2.20	133
17:10	5.61		200	7.00	0.865	0.0	17.30	2.20	137
		E-0-0000000000000000000000000000000000			6A-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1				***************************************
Sample Para	ımeter	Sample V	olume olume	Во	ttle Type	Numbe	er of Bottles	Preserv	ation/Prep
YOL		2.40 W	L	MOH	LVIAL		6	H	. ر

		•							
			•		• =				
Comments/Observat		Conditions:	MOSTLY CU	udy ~	64°F				
YURGE STA	K1-10.5	,,,							
Low Flow Samplin		Well purge flow rate 5 minutes. If excessive							
		ductivity, ±10% temper							
	, /0 00110		, carorary,			quarity	F1101 to be		

Location: 700 North C	nuine Parts Dlin, Indianapolis, IN 125641E				Well #: Sample I.D. #: Sample Time: Sample Date:	MW-16 17:45	3	
Personnel Present During Sam Chris Ferguson, ENVIRON	pling: G. MERCER					•		
Well/Purging Information: Purging method: Sampling method: Tubing material: Screen Length: Top of well screen; Pump intake set at: Casing radius: Well material: Pother:	Low-Flow ft. ft. below measuring po ft. below measuring po in. #316 SS / Galv. Steel		2) D 3) L 4) V r (l 5) N		or to purging lumn in well: #1 anding in well 632 for 2" ID an l volume purginolumes required	(2) -#2 = (3) (4) d 0.0408 for 1" ID ng approach only (5)	wells.	(ft) (ft) (ft) (gal)
Bladder Pump Controller Settin	ngs (if used):	Recharge time Discharge time			sec)	Pressure: Cycles per minute:	·	psi)
Time Depth Water (17:05 11.3 11:15 11.3 17:25 11:3 17:25 11:3 17:35 11:35	Pumped (<u>L</u>)	Pumping Rate (ML/M)N 150 150 150 150 150 150 150	b.79 b.74 b.72 b.72 b.71 b.71	Conductance (MS/LON) 0.774 0.779 0.787 0.787 0.789 0.788 0.787	Turbidity (NTU)	Temp (°C) 19.00 18.93 18.89 18.89 18.89 18.89	DO (mg/L) - 1.92 1.18 0.98 0.81 0.65 0.65	ORP (mV) - 182 177 172 168 164 163
Sample Parameter	Sample Vo			tle Type	Number	of Bottles	Preserva	tion/Prep
Comments/Observations/Weat Purce START - Low Flow Sampling:	her Conditions:	f approximately		less Collect in	-line water ou	ality measuremen	nts and denth	to
water measurements every 3 readings of ± 0.1 pH, ±3% of	3 to 5 minutes. If excessive	drawdown (>0.5	ft.), reduc	e purge rate (0.2	L/min). Stab	ilization with thr	ee successive	

	nviron mation: d: bd: al: th: 0 n; 22.6	ndianapolis, IN 41E	int	2) E 3) L 4) V		or to purging clumn in well: #1 tanding in well 632 for 2" ID ar Il volume purgi	point) (1 -#2 = (3) 4 dd 0.0408 for 1" II ng approach only	19.34 0 19.34 0 19.34 0 19.34 0 19.34 19.34	(ff) (ff) (ff) (gal)
Well materi Bladder Pump Con	al: FVC / #316 Other: atroller Settings (i		Recharge time		······································	sec)	Pressure Cycles per minute		_(gal) psi)
Time 14:10 14:15 14:25 14:25 14:30 14:35 14:40 14:45 14:50	Depth to Water (ft) 19.35 19.35 19.35 19.35 19.35 19.35 19.35 19.35	Volume Pumped ()	Pumping Rate (ML/M) N 150 150 150 150 150 150 150	7.00 6.97 6.97 6.96 6.96 6.96 6.96 6.97	0.934 0.934 0.937 0.937 0.937 0.937 0.937	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV) - 172 168 163 151 151 147 142 138
Sample Pa	rameter	Sample Vo		Bo 40	ttle Type	Number	of Bottles	Preserva HCL	ation/Prep
	ling:		drawdown (>0.5	5 ft.), reduc	e purge rate (0.2	n-line water qu 2 L/min). Stab	ilization with th	ree successive	

Site:	Genuin					Well # Sample I.D. #	MW-16	V-1165	5 (me
Job #:	21256	541E					14:55	M-A-LANAUP	
ersonnel Present hris Ferguson, El	During Sampling NVIRON	G. MERCE	2						
ell/Purging Infor				1) V	Well depth (from to	op of measuring	point) (1)		(ft)
Sampling methor Tubing materi	ial:	Low-Flow	_ _ _	3) L	Depth to water price.	lumn in well: #1	- #2 = (3)		(ft) (ft)
Screen Leng op of well scree Pump intake set	en; 10	ft. below measuring profit. below measuring profit.	•	1		632 for 2" ID an	(4) ad 0.0408 for 1" ID ng approach only	wells.	_(gal)
Casing radi Well materi	ius: 2 ial: 1 Other:	in. SS / Galv. Steel		•	Number of purge v Maximum volume	•			_(gal)
adder Pump Cor	ntroller Settings (if used):	Recharge time		`	sec)	Pressure: Cycles per minute:	 `	(psi)
abilization:								•	
Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate (ML) Min	рН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
14:10	14.21		150		100		21.53		-
14:15 14:20	<u> 14.21</u> 14.21		<u>150</u> 150	7.09	<u>0.724</u> 0. 6 69	13	22.09	60.0	-15 - 71
14:25	14.21	A4 - 100 - 1	150	4.90	0.453	0.0	22.40	0.00	-68
4:30	14.21		150	6.84	0.650	0.0	22.50	0.00	-69
14:35	14.21	**************************************	150	6.82	0.654	0.0	22.60	0.00	-63
14:40	14.21		150	6.72	6.V57	0.3	22.40	6.00	- 62
14:45	14.21		150	6,70	0.456	0,3	22.70	0.00	-65
14:50	14.21		150	Fd.0	0.158	0.3	22.75	0,00	- 64
Sample Parameter Sample Vol				ttle Type	Number	of Bottles	Preserva	ntion/Prep	
omments/Observ	vations/Weather (Conditions:	mostly (LOUDY	, MINIOY	2630	F		
ow Flow Samp		Well purge flow rate 5 minutes. If excession							
		uctivity, ±10% temp							

Location: 700 North C Job #: 2	nuine Parts Din, Indianapolis, IN 2125641E				Well # Sample I.D. # Sample Time Sample Date	MW-14	65D	
Personnel Present During Sam Chris Ferguson, ENVIRON	G. MERCER							
Well/Purging Information: Purging method: Sampling method: Tubing material: Screen Length: Top of well screen; Pump intake set at: Casing radius: Well material: Other:	Low-Flow ft. ft. below measuring po ft. below measuring po in.	int	2) D 3) L 4) V r (I 5) N		or to purging alumn in well: #1 tanding in well 632 for 2" ID ar Il volume purgi rolumes required	(2) -#2 = (3) (4) ad 0.0408 for 1" IE ng approach only 1 (5)	/ 4.01 () wells. ()	_(ft) _(ft) _(ft) _(gal)
Bladder Pump Controller Setti	ngs (if used):	Recharge time:			sec)		<u> 28</u> (psi)
Stabilization:		Discharge time:			sec)	Cycles per minute:		
Time Water (15:15 14.0 14.0 15:36 14.0 14.0 15:45 14.0 14.0 15:45 14.0 15:50 14.0 15:55 14.0	Pumped (<u>L</u>)	Pumping Rate (m) 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 1500	7.39 7.27 7.86 7.08 7.00 6.97 6.96	Conductance (m5/cm) - 0.859 0.853 0.853 0.849 0.850 0.850	Turbidity (NTU) 19.3 15.8 12.9 11.7 7.9 7.9	Temp (°C) 20.70 20.58 20.52 20.41 20.41 20.36	DO (mg/L)	ORP (mV)105 -105 -107 -19 -19 -19
Sample Parameter Sample Vo		lume		tle Type	Number	of Bottles	Preserval	
Comments/Observations/Weat Purce START	15:10	,		WINDY	~ 63°F	ality mosey	ate and death	to
Low Flow Sampling: water measurements every 3 readings of ± 0.1 pH, ±3% of		drawdown (>0,5	ft.), reduce	e purge rate (0.2	L/min). Stab	ilization with thr	ee successive	

Site: Location: Job #:	Genuino 700 North Olin, 21256	Indianapolis, IN			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sample I.D. # Sample Time	MW-16 10:25		***************************************
Personnel Present I		G. MERCER				•			
Well/Purging Infor Purging method Sampling method Tubing materia Screen Lengt Top of well screen Pump intake set a Casing radiu Well materia	 point point	1) Well depth (from top of measuring point) 2) Depth to water prior to purging 3) Length of water column in well: #1 - #2 = (3) 4) Volume of water standing in well 4) multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) 5) Number of purge volumes required 6) Maximum volume to be purged: #4 x #5 = (6)							
Bladder Pump Con	troller Settings (i	if used):	Recharge time Discharge time			(sec)	Pressure Cycles per minute		psi)
Time 09:45 09:55 10:00 10:05 10:15	Depth to Water (ft) 14.95 14.95 14.95 14.95 14.95 14.95	Volume Pumped ()	Pumping Rate (ML) Min 150 150 150 150 150 150	pH - 4.58 6.53 6.48 6.49 6.39	Conductance (1.02) 1.02 1.03 1.03 1.03	Turbidity (NTU) - 1.9 1.6 1.5 1.7 1.3	Temp (°C) 17.05 17.05 17.04 17.06	DO (mg/L)	ORP (mV)
		Sample V	olume	Bottle Type		Number	r of Bottles	Preserva HCU	tion/Prep
Comments/Observa Purge 45W Low Flow Sampl water measureme	KRT- 09:34 ling:			0.5L/min or					

Site:	Genuine					Well		06D	
	700 North Olin, I 21256					Sample I.D. F	#: <u>.MW-14</u> e: /2:3	26 D	
Job #:	21230	41E				-	e: 10/3 1		
						2P.1. 2	1010(1		
Personnel Present	During Sampling:		_						
Chris Ferguson, El	NVIRON	G. MERCE	R						
Well/Purging Info	rmation:								
Purging metho			_		Vell depth (from t)	_ (ft)
Sampling metho		Low-Flow	_		epth to water pri			H.70	-(ft)
Tubing materi Screen Leng		ft.	_		ength of water co)	$-\frac{(ft)}{(gal)}$
Top of well scree		ft. below measuring p	oint			-	and 0.0408 for 1" II		_ (8)
Pump intake set		ft. below measuring p	oint	(1	Required for we	ll volume purg	ing approach only	y)	
Casing radi		_ in.			umber of purge v	•			
Well mater	ial: OC / #316 Other:	SS / Galv. Steel		6) M	Iaximum volume	to be purged: #	$4 \times 45 = (6)$)	- ^(gal)
	Other: _								
Bladder Pump Cor	ntroller Settings (i	f used):	Recharge time			(sec)	Pressure		(psi)
			Discharge time	:5		(sec)	Cycles per minute	: <u> </u>	
Stabilization:									
TT:	Depth to	Volume	Pumping	**	Conductance	Turbidity	T- (00)	DO (T)	ORP
Time	Water (ft)	Pumped ()	Rate (ML/Mi)	pН	(mSkm	(NTU)	Temp (°C)	(mg/L)	(mV)
11:35	14.70		150			-			
11:45	14.70		150	7.35	1.10	16.1	16.77	6.00	<u>- 98</u>
11:50	14.70		150	7.19	<u> </u>	11,1	16.59	0.00	<u>-103</u>
11:55	<u>14.70</u>		150	7.08	1.11	8.2	16.46	0.00	- 102
12:00	14.70		150	6.47	1.11	5.9	1651	6.00	- 100
12:05	14.70		150	6.90	1.11	4.9	16.50	0.00	- 47
12:10	14.70		150	6.78	1.11	5.1	16.52	•.00	-94
12:15	14.70		150	6.72	1.11	1.7	16.43	6.00	- 92
12:20	14.70		150	4.57	1.11	1.3	16.47	0.00	-89
12:25	14.70		156	4.56	1.10	1.4	16.47	0.00	- 87
12:30	14.70		150	(a-52	1.10	1.3	11057	0.60	-83
10.00				<u>w.J.C</u>			14.52		<u></u>
			-				CDl	-	
Sample Pa	arameter	Sample V	olume		tle Type		er of Bottles		ation/Prep
You		120 ML		<u> 40m</u>	LVIAL	-	3	HCL.	
<u>-</u>			· · · · · · · · · · · · · · · · · · ·				-		
Comments/Observ	vations/Weather C	Conditions:	MOSTLY C	LOUDY	~61°F				
Purae Stra			···- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u>~~~</u>	<u> </u>				
Low Flow Samp	olino:	Well purge flow rate	of approximately	0.5L/min or	less. Collect in	n-line water o	uality measureme	ents and denth	ı fo
		minutes. If excessive							
		uctivity, ±10% tempe							

Site: Location: Job #:	Genuino 700 N. C	Parts Plin Avenue	Holf + Michi East on N	gan Ilichigan		Well # Sample I.D. # Sample Time Sample Date	MW-16		
Personnel Present I Garret Mercer, EN		<u>:</u>							
Well/Purging Inform Purging method Sampling method Tubing materia Screen Lengt Top of well screen Pump intake set a Casing radiu Well materia	1: Blade d: L1 ht: 5	Low-Flow DPE ft. ft. below measuring processing proc		2) E 3) L 4) V () 5) N		or to purging olumn in well: # standing in well 1632 for 2" ID at the last olume purgity olumes required	(2 1 - #2 = (3 (4 nd 0.0408 for 1" II ing approach only i (5) / 7.94))) D wells. y)	(fi) 30.76 (fi) (fi) (gal)
Bladder Pump Cont	troller Settings (i	f used):	Recharge time Discharge time		·	(sec) (sec)	Pressure Cycles per minute		(psi)
Time 1247 1251 1255 1259 1303 1309 1313 1317 1321	Depth to Water (ft) 17, 98 17, 98 17, 98 17, 98 17, 98 17, 98 17, 98 17, 98 17, 98	Volume Pumped ()	Pumping Rate (1/1/1/2) 200	pH 6,94 7,11 7,17 7,18 7,17 7,08 7,12 7,16 7,20 7,23	Conductance () 1.07 1.07 1.07 1.07 1.07 1.07 1.07 1.07	Turbidity (NTU) 26.5 23.1 /8.8 /5.5 /3.7 /0.3 9.88 8.66 8.45 6.70	Temp (°C) 19.18 /8.86 /8.64 /8.67 /8.92 /8.98 /8.94 /8.99	DO (mg/L) 7.57 7.0/ 6.38 5.82 5.27 4.68 4.22 3.82 3.42 2.96	ORP (mV) 6 -30 -44 -50 -52 -49 -54 -58 -62 -64
1329	17.98			7.25	1.07	5.26	18.96	2.60	-66
Sample Parameter Sample Volume 40.				1, 0 7 tle Type 0A		of Bottles	Preserva	-68 ation/Prep	
	ing: \(\frac{1}{2}\)	Well purge flow rate minutes. If excessivertivity, ±10% tempe	e drawdown (>0.:	5 ft.), reduce	e purge rate (0.)	2 L/min). Stab	ilization with th	ree successiv	

Site:						Well #			
Location:			Sample I.D. #:						
Job #:						Sample Time			
						Sample Date	/0-25	-12	
Personnel Present l		<u>ឌ</u>							
Matt Hennessy, EN	VIRON								
Well/Purging Infor	mation:								
Purging metho	***	Bladder Pump	_		-	top of measuring		30.70	(ft)
Sampling metho		Low-Flow	_		epth to water p			19,94	_
Tubing materi		LDPE	_		-	column in well: #			—(ft)
Screen Leng Top of well screen		ft. ft. below measuring	noint			standing in well	(4) nd 0.0408 for 1" IE		(gal)
Pump intake set							ing approach only		
Casing radio		in.	point			volumes require		,	
		SS / Galv. Steel		-		e to be purged: #	• •		— (gal)
	Other:			ŕ		. 5	, ,		
Bladder Pump Con	troller Settings (if used):	Recharge time:		10	(sec)	Pressure:	20	(psi)
			Discharge time:		5		Cycles per minute:		• `• ′
Stabilization:									
<u>Staoinzanon.</u>									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate (مراسط معر)	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
1337	17.98		206	7.29	1.07	4.57	<u> 18.93</u>	2.04	-70
1341	17.98			7.32	1.07	3.86	18.86	1.67	_ ~70
1345	17,98	•		7. 30	1.07	3.82		1.53	_^70
1349	17.98			7,30	1.07	3.43	18.73	<u> </u>	-7/
1353	17.98		V	7.31	1.07	3.41		1.31	7/
1357	17.98			7.31		3.38	<u>18.</u> 76	/,34	73
								<u></u>	
	<u> </u>								
									
Sample Par	rameter	Sample V	Volume	Bot	tle Type	Numbe	r of Bottles	Preserv	vation/Prep
1/0	C	40	mL	ι	OA		3		4cL
									•
				.			-		
						-			
Comments/Observa	ations/Weather (Conditions:							
							·		
									
Low Flow Sampl		Well purge flow rate							
		5 minutes. If excessi							ve
eadings of ± 0.1	pH, ±3% cond	luctivity, ±10% tempe	erature, turbidity, an	ia DO. Di	sconnect in-lii	ne water quality	meter prior to sa	mpling.	

Site:	Genuin	e Parts				Well	#: M W-17	13			
Location:	700 North Olin,	Indianapolis, IN	Sample I.D. #: MW - 173								
Job #:	21256	541E				Sample Time	e: 16:25				
						Sample Date	e: 10/2/12				
Personnel Present	During Sampling										
Chris Ferguson, E	NVIRON	G. MERCER					***************************************				
Well/Purging Info	rmation:										
Purging metho		and the state of t	_		Vell depth (from to	•	O		_(ft)		
Sampling meth		Low-Flow	_		Depth to water price	, ,		<u> 13.61</u>	_ (ft)		
Tubing mater		<u>-</u>	_		ength of water co		` ′		_(ft)		
Screen Leng	·	ft			olume of water st		(4)		(gal)		
Top of well scree		_ft. below measuring p					nd 0.0408 for 1" IE				
Pump intake set		ft. below measuring p	oint		-		ing approach only				
Casing radi Well mater		in. SS / Galv. Steel			lumber of purge v Iaximum volume	-			(gal)		
Wen mater	Other:	337 Garv. Steer		0) 1	naximum voidine	to be purged.	-1 X π J = (0)		- ^(gai)		
Bladder Pump Cor	ntroller Settings (i	if used):	Recharge time	: 10	(sec)	Pressure	11- 6	psi)		
Bladder Tullip Col	ntroner Settings ()	n uscu).	Discharge time		· · · · · · · · · · · · · · · · · · ·	sec)	Cycles per minute:		,751)		
			Discharge time	·		300)	Cycles per minutes				
Stabilization:											
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP		
Time	Water (ft)	Pumped (L)	Rate (ML MIN	pН	mScm	(NTU)	Temp (°C)	(mg/L)	(mV)		
15:35	13.62	1	150	_	_	–		-			
15:45	13.62		150	6.95	0.767	14.2	18.36	0.00	156		
15:50	13.62		150	6.94	0.767	10.2	18.41	0.00	152		
15:55	13.62		150	6.93	0.769	8.2	18.42	0.00	148		
16.00	13.62		150	6.92	0.771	7.2	18.42	0.00	146		
16:05	13,62		150	<u>v.91</u>	0.774	4.4	18.44	0.00	143		
16:10	13,62		150	<u>6.92</u>	0.774	<u>6.3</u>	18.45	0.00	141		
16:12	13.62		<u>150</u>	6.91	0.774	6.2	18.47	_6.∞	139		
16:20	13.62		150	6.91	0.773	6.0	18.47	0.00	138		
			*								
			-								
-					·						
Sample Pa	arameter	Sample V	olume	Bo	ttle Type	Numbe	er of Bottles	Preservat	tion/Prep		
YOU		120mL	,	WOP	LVIAL		3	HCL			
							,				
			0.0.0								
Comments/Observ			CLOUDY,	mist ,	~59°F						
JULIE SI	ME(17.	3 0									
Low Flow Samp	oling:	Well purge flow rate of	of approximately	0.5L/min or	less. Collect in	-line water qu	ality measuremen	nts and depth	to		
water measurem	ents every 3 to 5	minutes. If excessiv	e drawdown (>0.	5 ft.), reduc	e purge rate (0.2	L/min). Stal	oilization with thr	ee successive			
readings of ± 0.1	l pH, ±3% cond	uctivity, ±10% temper	rature, turbidity, a	and DO. Di	sconnect in-line	water quality	meter prior to sa	mpling.			

	Site:	Genuin					Well				
Simple Date Lof 3 Tz				Sample I.D. #: 1W-2							
Note Continue Co	Job #:	2125	641E				•				
Well deepth (from top of measuring point) 1 1 2 1 2 2 3 3 3 3 3 3 3 3							Sample Date	e: <u>10/3/12</u>			
Well/Pursing Information: Pursing method: Low-Flow Low-Flo	Personnel Present	During Sampling	z :								
Purpose method:											
Sample Dearth Dec Dearth Dec Dearth Dec Dearth Dec Dearth Dec Dearth Dearth Dec Dearth Dearth Dec Dearth Dec Dearth Dec Dearth Dec Dearth										(0)	
State Tubing material: Specified State Specified Specified State Specified			I 171	_		- '	•				
Screen Langib: 5			Low-Flow	-					`		
Top of well screen: 12	-		ft	-		-				- ` ′	
Pump intake set at: 15			_	oint			•			— (gai)	
Casing radius											
Well material: Ref. / #316 SS / Galv. Steel Other: 10	_		_			_					
Recharge time: 10			SS / Galv. Steel				_			(gal)	
Discharge time: S (sec) Cycles per minute: H		Other:		<u> </u>						_	
Stabilization:	Bladder Pump Cor	ntroller Settings ((if used):	Recharge time			(sec)	Pressure	:_16_	(psi)	
Depth to Volume Pumping Rate (Male Pumping				Discharge time	: <		(sec)	Cycles per minute	4		
Depth to Volume Pumping Rate (Male Pumping	Stabilization										
Time Waler (ft) Pumped (<u>Station.</u>										
13.03 150 7.22 0.894 0.0 17.37 0.31 230 08:25 13.03 150 7.22 0.893 0.0 17.446 0.00 2.19 08:30 13.03 150 7.25 0.892 0.3 17.51 0.00 2.09 08:35 13.03 150 7.27 0.893 0.4 17.54 0.00 191 08:45 13.03 150 7.29 0.894 0.66 17.54 0.00 191 08:45 13.03 150 7.29 0.901 0.6 17.53 0.00 184 08:50 17.03 150 7.29 0.901 0.6 17.56 0.00 179 08:50 17.03 150 7.29 0.901 0.6 17.56 0.00 179 08:50 17.03 150 17.04 0.901 0.6 17.56 0.00 179 0.00 179 0.00 0.		Depth to		·		Conductance	•		DO	ORP	
150 116 120 13.03 150 13.04 0.0 17.57 0.31 230 08:25 13.03 150 7.22 0.893 0.0 17.46 0.00 2.19 08:30 13.03 150 7.27 0.843 0.4 17.54 0.00 199 08:40 13.03 150 7.29 0.843 0.4 17.54 0.00 199 08:40 13.03 150 7.29 0.901 0.6 17.54 0.00 191 08:45 13.03 150 7.29 0.901 0.6 17.53 0.00 184 08:50 17.03 150 7.29 0.901 0.6 17.53 0.00 179 150 7.29 0.901 0.6 17.56 0.00 179 170 17	Time	Water (ft)	Pumped ()	Rate (MLIMIN	pН	MYLM	(NTU)	Temp (°C)	(mg/L)	(mV)	
150 7.22 0.893 0.6 17.46 0.60 2.19	08:10	13.03		150							
150 1.25 0.692 0.3 17.51 0.00 2.09	08:20	13.03		_150_	7.16	0.894		17.37	0.31	230	
D8:35 13.03 150 7.27 0.843 0.4 17.54 0.00 199	08:25	13.03		150	7.22	0.893	0.0	17.46	0,00	219	
Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep VOC 12.0 mL 13.0 mL	08:30	13.03		150	7.25	0.892	<u>o.3</u>	17.51	0.00	209	
Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep HCL	08:35	13.03		150	7.27	0.843	0.4	17.54	0.00	199	
Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep HCL	08:40	13.03		150	7.28	0.896	0.6	17.54	0.00	191	
Sample Parameter Sample Volume	08:45	13.03		150	7.29	0.901	0.6	17.53	0.00	184	
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Conditions/We	08:50	17.03		150	7.29	109.0	0.6	17.56	6.00	179	
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Conditions/We											
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Conditions/We								·			
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Conditions/We										-	
Comments/Observations/Weather Conditions: Comments/Observations/Weather Conditions/Weather Conditions/We											
Comments/Observations/Weather Conditions: LIGHT MASS ~57F Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	. -	arameter	Sample V	olume	Во	ttle Type				-	
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	VOC		120 ML	-	40 mL	- VIAL		3	HC_	<u>L</u>	
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive						·					
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Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive		· · · · · · · · · · · · · · · · · · ·									
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water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	fukbe sta	KT - 06:04	3								
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive								· · · · · · · · · · · · · · · · · · ·			
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